

Identifiers

1. Enter Refid

2. First author last name

3. Year of publication

4. Reviewer initials

5. Study Question

☐ KQ1: Preoperative Evaluation

☐ KQ2: Prehabilitation

☐ KQ3: Regional versus General

☐ KQ4: Intravenous versus Inhaled

☐ KQ5: Potentially Inappropriate Medications

☐ KQ6: Pharmacologic Delirium Prophylaxis

☐ KQ7: Postoperative Regional Anesthesia

☐ KQ8: PACU Delirium Screening

6. Start date (MM/YY)

7. End date (MM/YY)

8. Registered

☐ Yes

☐ No

☐ Uncertain

Clear Response ()

9. NCT or other registration number

10. Country

Select an Answer



11. Multinational (list)

12. Non-very high HDI country <0.8 (see **WHO report** (<http://hdr.undp.org/en/content/latest-human-development-index-ranking>))

☐ Yes

Clear Response ()

Funding

13. Sponsor

☐ Public or nonprofit

☐ Industry

☐ Public, nonprofit, and industry

☐ None

☐ Not reported

Clear Response ()

14. Sponsor description

15. Author COI

- ☐ No COI
- ☐ Report COI
- ☐ Not reported

Clear Response ()

Characteristics

17. Study design

- ☐ Randomized Controlled Trial (parallel)
- ☐ Cluster Randomized
- ☐ Crossover Trial
- ☐ Non-randomized clinical trial
- ☐ Before-after/Interrupted time series
- ☐ Prospective Cohort (observational)
- ☐ Retrospective Cohort (observational)
- ☐ Cross-sectional
- ☐ Case-control
- ☐ Fully paired (diagnostic)
- ☐ Case series
- ☐ Other

19. Research letter

Yes

Clear Response ()

20. Pilot study

Yes

Clear Response ()

21. Trial Phase

- ☐ Phase I
- ☐ Phase II
- ☐ Phase III
- ☐ Phase IV

Clear Response ()

22. Setting description

...

23. Setting

- ☐ Ambulatory
- ☐ Hospital
- ☐ Other
- ☐ Not stated

25. Inclusion criteria (short description)

26. Exclusion criteria (short description)

27. Number of centers

28. Subgroups

☐ Obesity ☐ Diabetes ☐ Age ☐ Sex **Clear Response ()**

Outcomes (see registration if applicable: **NCT** (<https://clinicaltrials.gov/>), **ICTRP** (<https://trialsearch.who.int/Default.aspx>), **UMIN Japan** (https://center6.umin.ac.jp/cgi-open-bin/ctr_e/index.cgi?function=02))

29. Primary outcome(s)

- ☐ Postoperative delirium ☐ Delayed neurocognitive recovery ☐ Stroke ☐ Intraoperative awareness ☐ Quality of recovery ☐ Depression ☐ Patient/caregiver satisfaction
☐ Valued life activities ☐ Functional status (ADL, IADL, mobility) ☐ HRQoL ☐ Pain ☐ Opioid use ☐ Complications ☐ Length of stay ☐ Discharge location ☐ Readmission
☐ Mortality (30-, 180-, 365-day) ☐ Other

31. Secondary outcomes

- ☐ Postoperative delirium ☐ Delayed neurocognitive recovery ☐ Stroke ☐ Intraoperative awareness ☐ Quality of recovery ☐ Depression ☐ Patient/caregiver satisfaction
☐ Valued life activities ☐ Functional status (ADL, IADL, mobility) ☐ HRQoL ☐ Pain ☐ Opioid use ☐ Complications ☐ Length of stay ☐ Discharge location ☐ Readmission
☐ Mortality (30-, 180-, 365-day) ☐ Other

33. Other outcomes not specified as primary or secondary (eg, as recorded in NCT registry)

- ☐ Postoperative delirium ☐ Delayed neurocognitive recovery ☐ Stroke ☐ Intraoperative awareness ☐ Quality of recovery ☐ Depression ☐ Patient/caregiver satisfaction
☐ Valued life activities ☐ Functional status (ADL, IADL, mobility) ☐ HRQoL ☐ Pain ☐ Opioid use ☐ Complications ☐ Length of stay ☐ Discharge location ☐ Readmission
☐ Mortality (30-, 180-, 365-day) ☐ Other

35. Source for outcomes

- ☐ Publication
☐ Registry
☐ Protocol

36. Arms

37. Anesthetic

- ☐ General
☐ Regional
☐ Sedation
☐ Not reported

38. Type of surgery (if none state "None")

- ☐ Various (4 or more)
☐ Abdominal
☐ Cardiac
☐ Colorectal
☐ Gynecological
☐ Gastrointestinal
☐ General

- ☐ Head and neck
- ☐ Hepatic
- ☐ Neurosurgical
- ☐ Ophthalmic
- ☐ Oral/Maxillofacial
- ☐ Orthopedic, total knee arthroplasty
- ☐ Orthopedic, total hip arthroplasty
- ☐ Orthopedic, hip fracture
- ☐ Orthopedic, other or unspecified
- ☐ Otolaryngological (ENT)
- ☐ Plastic/Cosmetic
- ☐ Spine
- ☐ Thoracic
- ☐ Urologic
- ☐ Vascular
- ☐ Other

39. List of specific surgical procedures separated by semicolons

43. Number randomized

44. Number analyzed

45. Notes

46. Main study results

47. Comment